INTERNATIONAL SEARCH REPORT

International application No.

		PC17US04/21740	}
A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : G01N 27/26, 447			
US CL : 204/451, 452, 601, 603			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED .			
Minimum documentation searched (classification system followed by classification symbols)			
U.S.: 204/451, 452, 601, 603; 204/451-455, 601-605			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where ap	propriate of the relevant passages	Relevant to claim No.
X	US 6,274,089 B1 (CHOW et al) 14 August 2001 (14.		1-8, 17-27, and 36
	Figures 3D and 3E.	ooi2001), Especially officeamions of	
Y			9-16, 28-35, and 37-84
х	WO 00/75650 A1 (LI et al) 14 December 2000 (14.12.2000), embodiment of Figures 4 and		1, 7-10
Y	5.		11-16
Y	WO 01/06228 A2 (WOUDENBERG et al) 25 January 2001 (25.01.2001), page 11, lines 4-		9-14, 28-33, and 45-50
Y	8.		
	US 6,103,199 A (BJORNSON et al) 15 August 2000 (15.08.2000), Column 23, lines 30-59.		9-11, 15, 16, 28-30, 34, 35, 45-47, 51 and
Y	US 6,045,676 A (MATHIES et al) 04 April 2000 (04.04.2000), Figure 7 embodiment.		37-84
A US 6,159,353 A (WEST et al) 12 December 2000 (12.12.2000)		2.12.2000)	
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Further	documents are listed in the continuation of Box C.	See patent family annex.	I
Special categories of cited documents:		"T" later document published after the int	emational filing date or priority
"A" document defining the general state of the art which is not considered to be		date and not in conflict with the appli principle or theory underlying the inv	cation but cited to understand the
of particular relevance "E" earlier application or patent published on or after the international filing date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step	
"L" document which may throw doubts on priority claim(s) or which is cited to		when the document is taken alone	•
establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
"O" document referring to an oral disclosure, use, exhibition or other means			
"P" document published prior to the international filing date but later than the "&" document member of the same pater priority date claimed			
Date of the actual completion of the international search D		Date of mailing of the international search report	
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Name and mailing address of the ISA/US		Authorized officer	
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Jeffrey T. Barton My WM	
P.O. Box 1450		Telephone No. (571)272-1707	
	exandria, Virginia 22313-1450 o. (703) 305-3230	Telephone 140. (3/1)2/2-190/	